



## TRS-190

DATA AS OF 1997 (requires updating )

TRS-190 / TARS-190 / S-19



Unguided missile / TRS - turbojet rocket projectile. Turbojet - rotating in flight around the longitudinal axis under the influence of deflected nozzles of the solid propellant rocket motor. Since 1955, the TRS-190 has been used on the MiG-15bis / bisSh, MiG-17F and on the MiG-19.



MiG-17/SI-19, aircraft no. 104, equipped with ORO-190 launchers with TRS-190 projectiles ( <http://www.airwar.ru> ).

Author: [DMMI](#)

Created: 18.01.2009 04:37:30

Comments: 1

[READ THE FULL ARTICLE →](#)

## C-5 (ARS-57)

DATA FOR 2001 (needs updating )

S-5 (ARS-57)	S-5KO	C-5O (C-5O1)	S-5PI
S-5M (ARS-57M, S-5M1)	S-5KP	C-5OI	S-5S
S-5K (KARS-57, S-5K1)	S-5KPB	C-5OM	S-5SB
S-5KI	S-5MO	C-5P (C-5P1)	

Unguided missile. Developed by OKB-16 under the direction of A. Nudelman. Adopted into service in 1951 (S-5). Missiles of the S-5 and S-5M types were used, among other things, in the air-to-air mode. First tested on the experimental MiG-15bis (D-57) fighter.

## Catalog of military equip

### AIR

- Bombers/Strike Aircraft
- Fighters
- Transport aircraft
- Special and training aircraft
- Helicopters
- UAV
- Air-to-air missiles
- Air-to-ground missiles
- Aircraft ATGMs
- Aircraft torpedoes
- Unguided missiles

- C-5 (ARS-57)
- M-100
- S-3K
- TRS-190
- C-21 (ARS-212)
- S-24 (ARS-240)
- C-8
- C-13
- C-25

- Aircraft artillery systems
- Bombs
- Aviation radars and other e

### EARTH

### WATER

### SPACE

### Personalities

### News and updates



Our partners:



1604.ru



## Visitors

2,35M	50,865
350,910	48,857
139,855	39,477
137,574	34,648
123,546	32,275
84,776	28,245
71,415	27,492
62,146	25,074



## Latest comments

[Grom / Sapsan / Grom-2 \(proj Ukraine\)](#)

Dima, have you tried to contact Diana on the topic? - I think she (h

has...

[Sierra](#) 2016-12-13 15:10

[Grom / Sapsan / Grom-2 \(proj Ukraine\)](#)



Block ORO-57K for suspension of MiG-15bis(ISH) (K.-H. Eyermann, MiG-flugzeuge. 1986, Berlin, GDR)

Author: [DIMMI](#)

Created: 18.01.2009 04:31:59

Comments: [10](#)

[READ THE FULL ARTICLE](#) →

### S-24 (ARS-240)

**S-24 (ARS-240)**  
**S-24B**

Unguided missile. Adopted into service in 1958. The S-24B modification was in service by 1981. It is used on the MiG-17, MiG-21, MiG-23, MiG-27, MiG-29, Su-7B, Su-17/20/22, Su-24/24M, Su-25, Yak-38/38M, Mi-24D, Ka-50. It was launched from PU-12-40U and PU-12-40UD; since 1982, they have been replaced by APU-7D. During the unification of weapons systems, they were replaced by APU-68/APU-68U/APU-68UM/APU-68UM2 (on Ka-50)/APU-68UM3.



In the center is the ARS-240 missile (Flieger Revue. N 12 / 1973, GDR)

Author: [DIMMI](#)

Created: 18.01.2009 04:40:23

Comments: [2](#)

[READ THE FULL ARTICLE](#) →

### C-8

**S-8 S-8VS S-8O**  
**S-8A S-8D S-8OM**  
**S-8AS S-8DM S-8P**  
**S-8B S-8KO S-8S**  
**S-8BMS-8KOM S-8T**  
**C-8V S-8M**

Unguided missile. Adopted in 1982. Developed at the Novosibirsk Institute of Applied Physics. Used in B-8 / B-8m / B-8m1 blocks (on helicopters - B-8v20 / B-8v20A, sometimes in the press - B-8v-1 or B-20) of 20 units. Blocks with heat protection - B-8-O.



S-8 missile

Author: [DIMMI](#)

Created: 18.01.2009 05:04:38

Comments: [5](#)

[READ THE FULL ARTICLE](#) →

### C-25

**S-25O / S-25OF / S-25OFM**  
**S-25 (cumulative warhead)**  
**S-25L**

An unguided missile with an over-caliber warhead. First mentioned in the press - 1990. Used on the Su-24/Su-24M, Su-25/25T/25TK, Il-102. Launched from the O-25 launch tube (also called PU-O-25).

Engine - solid propellant rocket engine with 4 nozzles  
Fuel weight - 97 kg.

Author: [DIMMI](#)

Created: 18.01.2009 05:15:27

Comments: [15](#)

[READ THE FULL ARTICLE](#) →

Another great one on the topic...  
What do they smoke in Ukraine?!  
:crazy: <http://inosmi.ru...>  
[Sierra](#) 2016-11-07 15:09

### Grom / Sapsan / Grom-2 (proj Ukraine)

Awesome interview about the Grom OTRK, announced by Ukraine as a replacement for the Sapsan. Something...

[Sierra](#) 2016-11-05 21:47

### Grom / Sapsan / Grom-2 (proj Ukraine)

hisgloves Wrote: I wonder if at least this news will cool the ardor of another post-Soviet...

[DIMMI](#) 2013-06-27 21:27

### Grom / Sapsan / Grom-2 (proj Ukraine)

I wonder if at least this news will cool the ardor of another post-Soviet "power"...

[hisgloves](#) 2013-06-27 13:31

### Grom / Sapsan / Grom-2 (proj Ukraine)

The development of the Sapsan complex has been terminated

[DIMMI](#) 2013-06-27 01:41

### Grom / Sapsan / Grom-2 (proj Ukraine)

Exactly so

[DIMMI](#) 2012-02-05 11:14

### Grom / Sapsan / Grom-2 (proj Ukraine)

[DIMMI](#) Wrote: there was also a picture a la Pershing[ [img](#) ][ [img](#) ]  
[<http://bmpd.livejournal.com/15734>]  
[Mikhael](#) 2012-02-05 10:57

### Grom / Sapsan / Grom-2 (proj Ukraine)

there was also a picture a la Pershing

[DIMMI](#) 2012-02-05 03:18

### Grom / Sapsan / Grom-2 (proj Ukraine)

[ [img](#) ]  
[10V](#) 2012-02-05 03:16

C-13

S-13  
S-13T  
S-13OF  
S-13D

Unguided missile. Developed at the Novosibirsk Institute of Applied Physics. First mentioned in the early 1980s (adopted into service earlier).



The body of the S-13 missile and various warheads

Author: [DIMMI](#)

Created: 18.01.2009 05:11:51

Comments: [2](#)

[READ THE FULL ARTICLE](#) ➤

S-21 (ARS-212)

**ARS-212 (S-21, sometimes R-21)**

An unguided air-to-ground missile. Based on the RS-132. Adopted into service in the mid-1950s. Tested on the experimental MiG-15bis (SD-21) fighter.

Caliber - 212 mm

Author: [DIMMI](#)

Created: 18.01.2009 04:39:32

Comments: [2](#)

[READ THE FULL ARTICLE](#) ➤

M-100

**M-100**

Unguided missile. Used on the MiG-19 in the mid-1950s.

Engine - solid propellant rocket motor

Caliber - 137 mm

Weight - 15.6 kg

**Status :**

USSR - not in service by 1990.

Author: [DIMMI](#)

Created: 18.01.2009 04:33:45

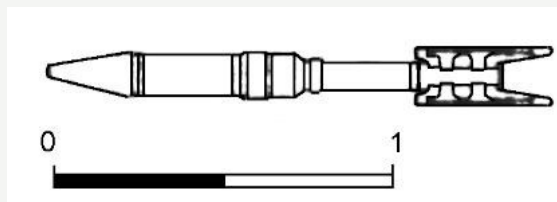
Comments: [1](#)

[READ THE FULL ARTICLE](#) ➤

S-3K

**S-3K**

Unguided missile. Adopted into service in the late 1950s. Used with launchers - APU-14 / APU-14U / APU-14D (on Su-7B aircraft - 4 x 7 pcs.).



S-3K missile

Author: [DIMMI](#)

Created: 18.01.2009 04:35:46

Comments: [3](#)[READ THE FULL ARTICLE >](#)

© 2009-2015 [militaryrussia.ru](#)  
Copying and use of materials  
is permitted only with a link  
to the corresponding article on the site



590

Rambler's  
Top100

AviaTOP